



Title		
Size A4	Number	Revision
Date: 2018/10/7	Sheet of	
File: Sheet1.SchDoc	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
board				board	2
LD1086D2M33		1117	ASM1117-3V3	VOLTREG1	1
uln2003		2003	MAX232	uln2003	1
Header 6X2	Header, 6-Pin, Dual row	COM		Header 6X2	1
Diode 1N914	High Conductance Fast Diode	D2, D3	1812	Diode 1N914	2
D Schottky	Schottky Diode	D284	1812	D Schottky	1
D Schottky	Schottky Diode	D288	DO-41	D Schottky	1
Header 3	Header, 3-Pin	inverter	7P-396	Header 3	1
1500p	Electrolytic Capacitor	J1, J2	c电容	ELECTRO1	2
20pF	Capacitor	J3, J4, J15, J22, J23, J24, J25, J250, J251, J25121	0805	CAP	10
D Connector 15	Receptacle Assembly, 15 Position, Right Angle	J?	DSUB1.385-2H9	D Connector 15	1
R10K	BOOT1	K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K13, K14, K16, K17, K18, K19, K20, K21, K22, K23, K24, K25, K26, K30, K31, K32, K33, K34, K35, K36, K37, K130, K262, LED	R0805	Res2	34
270		K11, L550	0805	RES2	2
270	BOOT1	K15	R0805	Res2	1
1K		K88, K89, K90	0805	RES2	3
3904		NPN-3	TO-92A	3jiguan	1
Header 7	Header, 7-Pin	Pin	7P-396	Header 7	1
Header 5	Header, 5-Pin	Pout	396-5P	Header 5	1
P521		U8, U9, U10, U11, U25, U35, U45, U55, U67, U211	SO-4	DIP4	10
STM32F103CBT6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U?	QUAD48	STM32F103CBT6	1
USB		USB	usB	USB	1
25MHz (with socket)	Crystal	X3	3215	CRYSTAL	1